



STIC Search Report

Biotech-Chem Library

STIC Database Tracking Number: 134580

TO: Brenda Coleman
Location: REM-5D19/5C18
Art Unit : 1624
Wednesday, October 06, 2004
Phone: 272-0903
Case Serial Number: 6001844

From: Noble Jarrell
Location: Remsen 1B71

Phone: (571) 272-2556
Noble.jarrell@uspto.gov

Search Notes

134580

STIC-Biotech/ChemLib

From: Coleman, Brenda
Sent: Wednesday, October 06, 2004 1:38 PM
To: STIC-Biotech/ChemLib
Subject: U.S. 6,001,844

Could you please obtain a litigation search on this patent.

Brenda Coleman
REM-5D19

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Searcher: Noble
Searcher Phone: 2-
Date Searcher Picked up: 706604 Oct 6, 2004
Date Completed: 706604 Oct 6, 2004
Searcher Prep/Rev. Time: 5
Online Time: 10

Type of Search

NA Sequence: # _____
AA Sequence :# _____
Structure: # _____
Bibliographic: _____
Litigation: ✓
Patent Family: _____
Other: _____

Vendors and cost where applicable

STN: _____
DIALOG: _____
QUESTEL/ORBIT: 8
LEXIS/NEXIS: _____
SEQUENCE SYSTEM: _____
WWW/Internet: _____
Other(Specify): _____



STIC SEARCH RESULT FEEDBACK FORM

Biotech-Chem Library

Questions about the scope or the results of the search? Contact *the searcher* or contact:

Mary Hale, Information Branch Supervisor
Remsen Bldg. 01 D86
571-272-2507

Voluntary Results Feedback

➤ I am an examiner in Workgroup: Example: 1610

➤ Relevant prior art **found**, search results used as follows:

- ☐ 102 rejection
- ☐ 103 rejection
- ☐ Cited as being of interest.
- ☐ Helped examiner better understand the invention.
- ☐ Helped examiner better understand the state of the art in their technology.

Types of relevant prior art found:

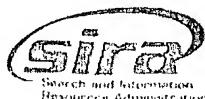
- ☐ Foreign Patent(s)
- ☐ Non-Patent Literature
(journal articles, conference proceedings, new product announcements etc.)

➤ Relevant prior art **not found**:

- ☐ Results verified the lack of relevant prior art (helped determine patentability).
- ☐ Results were not useful in determining patentability or understanding the invention.

Comments:

Drop off or send completed forms to STIC-Biotech-Chem Library Remsen Bldg.



?file pluspat

Selected file: PLUSPAT

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Announcing enhanced searchability of Relevancy Codes in Search Reports
for EP, WO and FR patents. For more details see below and on QO website
-To retrieve set of high relevancy X coded cited patents, use xctx=yes
-To extract cited patents with only high relevancy code, use mem/xctx
Last update of file: 2004/09/29 (YYYY/MM/DD) 2004-39/UP (basic update)

Search statement 1

?us6001844/pn

** SS 1: Results 1

Search statement 2

?prt full legalall max

1/1 PLUSPAT - (C) QUESTEL-ORBIT
PN - US6001844 A 19991214 [US6001844]
TI - (A) 4-Azasteroids for treatment of hyperandrogenic conditions
PA - (A) MERCK & CO INC (US)
PAO - Merck & Company, Inc., Rahway NJ [US]
IN - (A) BAKSHI RAMAN K (US); SAHOO SOUMYA P (US); TOLMAN RICHARD L (US)
AP - US2992698 19980311 [1998US-0029926]
FD - Rel. Prov. 60/003,826 19950915 [1995US-P003826]
- PCT/US96/14564 19960911 [1996WO-US14564]
- WO97/10217 19970320 [WO9710217]
PR - US2992698 19980311 [1998US-0029926]
- WOUS9614564 19960911 [1996WO-US14564]
- US382695P 19950915 [1995US-P003826]
IC - (A) A61K-031/435 C07D-221/02
EC - A61K-031/435 &A
- C07J-073/00B2
PCL - ORIGINAL (O) : 514284000; CROSS-REFERENCE (X) : 514255050 514256000
514263220 514269000 514272000 514274000 514275000 544265000
544266000 544268000 544276000 544277000 544301000 544311000
544312000 544316000 544317000 544319000 544320000 544322000
544323000 544329000 544332000
DT - Corresponding document
CT - US4191759; US4377584; US4760071; US5116983; US5151429; US5302621;
US5304562; US5565467; EP0484094; EP0538192; WO9216213; WO9407861;
WO9507927; WO9507926
- Bakshi et al., 4-aza-3-oxo-5a-androst-1-ene-17b-N-aryl-carboxamides as
dual inhibitors of human type 1 and 2 steroid 5a-reductases. J. Med.
Chem. 38 (1995), pp. 3189-3192.

Tolman et al., "4-Methyl-3-oxo-4-aza-5alpha-androst-1-en17beta-N-aryl
-carboxamides: An approach to combined androgen blockade"; Mar. 1997
issue of J. Steroid Biochem & Molec. Bio. vol. 60, No. 5-6 pp. 303-309.

STG - (A) United States patent
AB - PCT No. PCT/US96/14564 Sec. 371 Date Mar. 11, 1998 Sec. 102(e) Date
Mar. 11, 1998 PCT Filed Sep. 11, 1996 PCT Pub. No. WO97/10217 PCT Pub.
Date Mar. 20, 1997 Compounds of structural Formula (I) and
pharmacologically acceptable salts and esters thereof possess 5 alpha
-reductase inhibitory activity. These compounds inhibit 5 alpha
-reductase type 1 and type 2. The compounds of structural Formula I
are useful in the systemic, including oral, and parenteral, including
topical, treatment and prevention of hyperandrogenic conditions
including prostatic carcinoma, benign prostatic hyperplasia, acne
vulgaris, seborrhea, androgenic alopecia (also called androgenetic
alopecia) which includes male- and female-pattern baldness, female
hirsutism, and prostatitis. A class of compounds of the present
invention are also potent antiandrogens. The present invention also
relates to novel compositions containing such compounds, methods of
their use and methods of their manufacture.

1/1 LGST - (C) EPO
PN - US6001844 A 19991214 [US6001844]

Searched by Noble Jarrell

AP - US2992698 19980311 [1998US-0029926]
ACT - 20020618 US/RF-A
REISSUE APPLICATION FILED
EFFECTIVE DATE: 20011214
UP - 2003-22

1/1 CRXX - (C) CLAIMS/RRX
AN - 3254333
PN - 6,001,844 A 19991214 [US6001844]
PA - Merck & Co Inc
PT - C (Chemical)
ACT - 20011214 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20020618
REISSUE REQUEST NUMBER: 10/020740
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2833


Reissue Patent Number:

UP - 2002-25
UACT- 2002-06-18


Search statement 2

?

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patno=6001844

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Search Con

Use connectors
between search
connector for de
connector to add

Syntax Defi

<u>and</u>	and
<u>or</u>	or
<u>w/N</u>	withi
<u>not w/N</u>	not v
<u>pre /N</u>	prece
<u>w/p</u>	in sa
<u>not w/p</u>	not i
<u>w/seg</u>	in sa
<u>not w/seg</u>	not i
<u>w/s</u>	in sa
<u>not w/s</u>	not i
<u>and not</u>	and i
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1 of 1 DOCUMENT

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

6001844

[Link to Claims Section](#)

December 14, 1999

4-Azasteroids for treatment of hyperandrogenic conditions

INVENTOR: Bakshi, Raman K., Edison, NJ; Sahoo, Soumya P, Old Bridge, NJ; Tolman, Richard L., Warren, NJ

APPL-NO: 029926 (00)


FILED-DATE: March 11, 1998

GRANTED-DATE: December 14, 1999

ENGLISH-ABST:

Compounds of structural Formula (I) ##STR1## and pharmacologically acceptable salts and esters thereof possess 5[agr]- reductase inhibitory activity. These compounds inhibit 5[agr]-reductase type 1 and type 2. The compounds of structural Formula I are useful in the systemic, including oral, and parenteral, including topical, treatment and prevention of hyperandrogenic conditions including prostatic carcinoma, benign prostatic hyperplasia, acne vulgaris, seborrhea, androgenic alopecia (also called androgenetic alopecia) which includes male- and female-pattern baldness, female hirsutism, and prostatitis. A class of compounds of the present invention are also potent antiandrogens. The present invention also relates to novel compositions containing such compounds, methods of their use and methods of their manufacture.

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Search Con

Use connectors
between search
connector for de:
connector to add

Syntax Defi

<u>and</u>	and
<u>or</u>	or
<u>w/N</u>	withi
<u>not w/N</u>	not v
<u>pre /N</u>	preco
<u>w/p</u>	in sa
<u>not w/p</u>	not i
<u>w/seg</u>	in sa
<u>not w/seg</u>	not i
<u>w/s</u>	in sa
<u>not w/s</u>	not i
<u>and not</u>	and i
	View

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Syntax Definition

<u>and</u>	and
<u>or</u>	or
<u>w/N</u>	with
<u>not w/N</u>	not with
<u>pre /N</u>	previous
<u>w/p</u>	in
<u>not w/p</u>	not in
<u>w/seg</u>	in
<u>not w/seg</u>	not in
<u>w/s</u>	in
<u>not w/s</u>	not in
<u>and not</u>	and not
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Syntax Definition

and	and
or	or
w/N	with
not w/N	not with
pre /N	precedence
w/p	in
not w/p	not in
w/seg	in
not w/seg	not in
w/s	in
not w/s	not in
and not	and not
	View

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Litigation involving patent 6,001,844

Click on the docket number to view the docket.
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